

Notes

Enchanted Circle Fire Agencies
2018 Initial Attack Guide



Incident Name	
Incident Number	
Incident Date	
Jurisdiction	
Final Size	

Incident Status Log			
Reported By	Date/Time	Acreage	Containment
Discovery/Reported			
St. Forestry Notified			
Dispatched			
Arrival			%
Size-Up Report			%
Update #1			%
Update #2			%
Containment			100%
Control			100%
Declared Out			100%

IC Name	Qualification Level	Date & Time Command Assumed
1 st		
2 nd		

This guide designed to be used with the
2014 Incident Response Pocket Guide

Initial Attack Size-Up Report

Give information in all categories even if it does not apply.

Notes

1. Date ____ / ____ / ____ Arrival Time ____ : ____ 2. Fire Name _____
3. Incident Commander _____ 4. Incident Level type (circle): 3 4 5
5. Fire Location: Legal T ____ R ____ Sec ____ 1/4 Sec ____ 6. Elevation _____
7. Lat. (ddd - mm.mmm) _____ Long. (ddd - mm.mmm) _____
8. Road Directions/Flagging _____

9. Cause of Fire	<input type="checkbox"/> Human	<input type="checkbox"/> Lightning (if tree, size, type, height & diameter) :		
10. Character of Fire	<input type="checkbox"/> Smoldering <input type="checkbox"/> Crowning	<input type="checkbox"/> Creeping <input type="checkbox"/> Spotting	<input type="checkbox"/> Running	
11. Estimated Size	<input type="checkbox"/> Spot <input type="checkbox"/> 2-3 Acres	<input type="checkbox"/> 1/4-1/2 Acre <input type="checkbox"/> 4-5 Acres	<input type="checkbox"/> 1/2-1 Acre <input type="checkbox"/> _____ Acres	
12. Fuel Type Burning	<input type="checkbox"/> Grass <input type="checkbox"/> Pinon/Juniper <input type="checkbox"/> Logging/Thinning Slash	<input type="checkbox"/> Grass/Sage <input type="checkbox"/> Ponderosa Pine	<input type="checkbox"/> Oak/Brush <input type="checkbox"/> Ponderosa Pine/Doug fir <input type="checkbox"/> Logs/Duff	
13. Adjacent Fuels	<input type="checkbox"/> Same as Above <input type="checkbox"/> Grass <input type="checkbox"/> Pinon/Juniper <input type="checkbox"/> Logging/Thinning Slash	<input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Grass/Sage <input type="checkbox"/> Ponderosa Pine	<input type="checkbox"/> Oak/Brush <input type="checkbox"/> Ponderosa Pine/Doug fir <input type="checkbox"/> Logs/Duff	
14. Estimated Wind	<input type="checkbox"/> Calm <input type="checkbox"/> 10-20	<input type="checkbox"/> 0-5 <input type="checkbox"/> 20+	<input type="checkbox"/> 5-10	
15. Wind Direction	<input type="checkbox"/> Calm <input type="checkbox"/> West	<input type="checkbox"/> North <input type="checkbox"/> Up-slope	<input type="checkbox"/> South <input type="checkbox"/> Down-slope	<input type="checkbox"/> East <input type="checkbox"/> Variable
16. Flame Length	<input type="checkbox"/> 0-2 <input type="checkbox"/> 8-10	<input type="checkbox"/> 2-4 <input type="checkbox"/> 10-12	<input type="checkbox"/> 4-6 <input type="checkbox"/> > 12	<input type="checkbox"/> 6-8
17. Aspect	<input type="checkbox"/> North <input type="checkbox"/> NW <input type="checkbox"/> NE	<input type="checkbox"/> South <input type="checkbox"/> SW <input type="checkbox"/> SE	<input type="checkbox"/> East <input type="checkbox"/> Flat	<input type="checkbox"/> West <input type="checkbox"/> Ridgetop
18. Slope Percent %	<input type="checkbox"/> 0-25	<input type="checkbox"/> 26-40	<input type="checkbox"/> 41-55	<input type="checkbox"/> 56-75 <input type="checkbox"/> Over 75
19. Topography	<input type="checkbox"/> Lower 1/3 <input type="checkbox"/> Flat <input type="checkbox"/> Mesa Top	<input type="checkbox"/> Middle 1/3 <input type="checkbox"/> Valley Bottom <input type="checkbox"/> Saddle	<input type="checkbox"/> Upper 1/3 <input type="checkbox"/> Ridgetop <input type="checkbox"/> Canyon Bottom	
20. Spread Potential	<input type="checkbox"/> None <input type="checkbox"/> High 10-50 Ac	<input type="checkbox"/> Low 0-5 Ac <input type="checkbox"/> Very High 50+ Ac	<input type="checkbox"/> Moderate 6-10 Ac	
21. Others on Scene				
22. # of People Needed	<input type="checkbox"/> None	<input type="checkbox"/> 1-3	<input type="checkbox"/> 5-10	<input type="checkbox"/> 20 Person Crew
23. Hazards/Threats/Values at Risk:				
24. Special Equipment (Quantity)	<input type="checkbox"/> Helicopter <input type="checkbox"/> Bucket/Crew	<input type="checkbox"/> Engines <input type="checkbox"/> Dozer	<input type="checkbox"/> Faller <input type="checkbox"/> Chainsaw	<input type="checkbox"/> Investigator <input type="checkbox"/> Other: _____
25. Estimated Time of	<input type="checkbox"/> Containment <input type="checkbox"/> Mop-Up	____ : ____	<input type="checkbox"/> Control	____ : ____
Land Ownership	<input type="checkbox"/> Municipal <input type="checkbox"/> USFS	<input type="checkbox"/> State <input type="checkbox"/> BIA	<input type="checkbox"/> Private <input type="checkbox"/> BLM	
Notification:	<input type="checkbox"/> Taos Dispatch 575-758-6208 <input type="checkbox"/> State Forestry N2S 575-376-2204, N1S 575-588-7831			

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Objectives / Disengagement Triggers

Objectives:

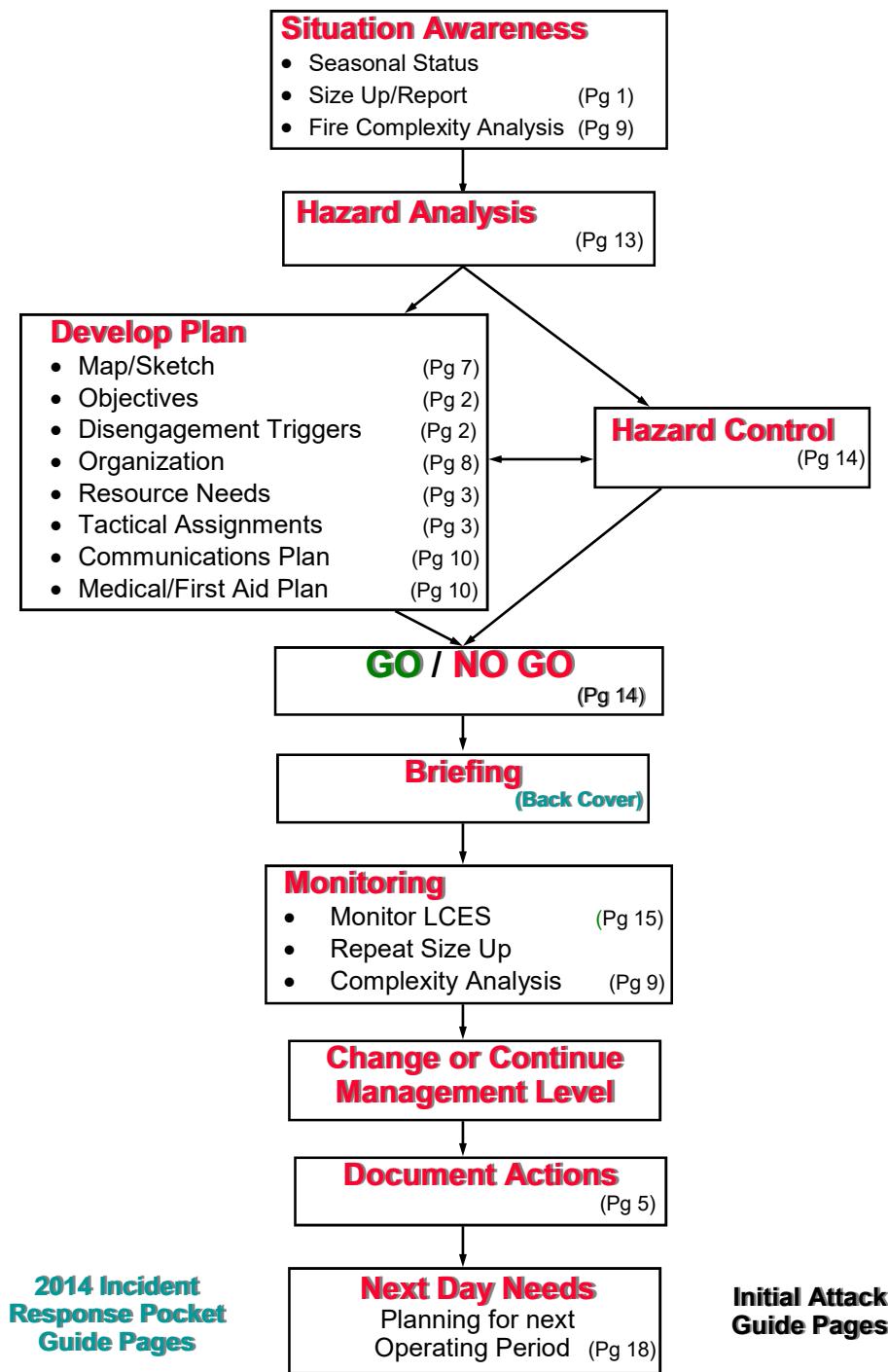
1	_____
2	_____
3	_____
4	_____
5	_____

Disengagement Triggers:

1	_____
2	_____

RESOURCES SUMMARY

IA Management Flow Chart



2014 Incident Response Pocket Guide Pages

Initial Attack Guide Pages

Standard Flagging Colors

PINK	Escape Routes & Safety Zones
ORANGE	Fire Line
YELLOW BLACK	Hazards
WHITE	Archeological Sites
BLUE	Water Supply
RED	Structures present on this Road

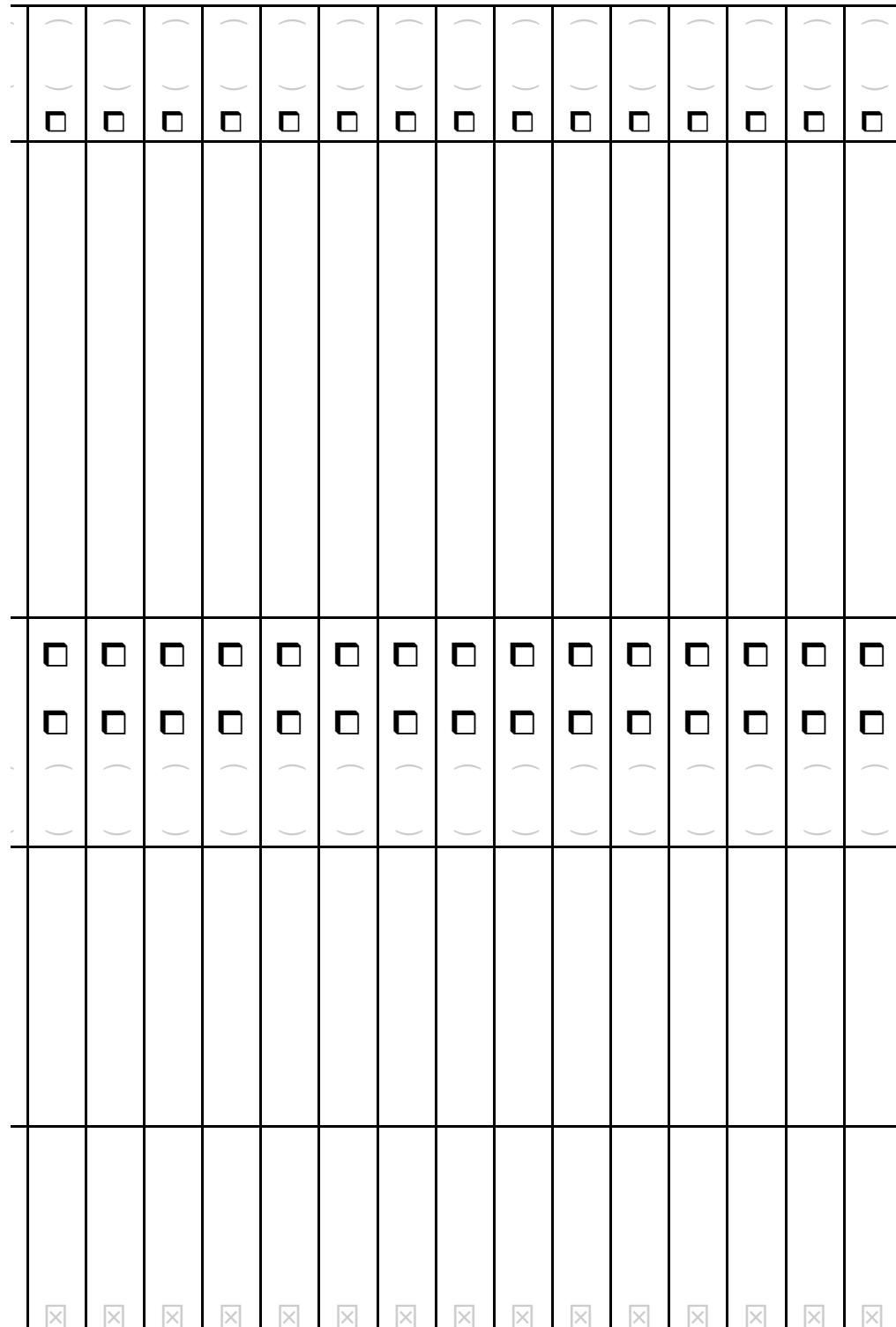
At night consider glow sticks of the same color

Saw Chain Sizes

Bar Size	Number of Drivers	Pitch
16	60	3/8
18	66	3/8
20	72	3/8
24	84	3/8
28	91	3/8

1000' Hoselay Module

Qty	Description	✓
10	1½" x 100' single jacket hose	
5	1" x 100' single jacket hose	
10	¾" x 50' pencil hose (garden hose)	
5	1½" gated wyes	
3	1" gated wyes	
5	¾" gated wyes	
5	1½" x 1" reducers	
5	1" x ¾" reducers	
5	¾" garden hose nozzles	



Summary of Actions

Time

Enchanted Circle Contact Numbers

Agency	Contact No	
Taos Dispatch (CAF)	(575) 758-6208	
Taos Central Dispatch	(575) 758-2216	
Red River Dispatch	(575) 754-6166	
Raton Dispatch	(575) 445-2704	
State Forestry Cimarron District	(575) 376-2204	
State Forestry Santa Fe Duty Officer	(505) 939-6759	
State Forestry Chama District	(575) 588-7831	
State Forestry Las Vegas District	(505) 425-7472	
Carson National Forest Questa District	D-7	(575) 586-0520
Carson National Forest Tres Piedras District	D-6	(575) 758-8678
Carson National Forest Camino Real District	D-4	(575) 587-2255
Carson National Forest El Rito District	D-2	(575) 581-4554
BLM Taos	(575) 758-8851	
BIA Taos Pueblo	(575) 758-7410	
PNM Gas Company	(575) 758-4222	
Kit Carson Electric	(575) 758-2258	

Communication Plans

Enchanted Circle Group 2 (Wildfire Operations)

Enchanted Circle Group 1 General Operations		Description	Rx	Tx	Tone
CH					
1	Command - Picuris Repeater	159.4050	154.8600	156.7	
2	Command - Amalia Repeater	155.8950	154.0550	136.5	
3	Command - Flag Mountain	155.8950	154.0550	146.2	
4	Structure Tac 4	154.1150	154.1150		
5	Structure Tac 5	154.2050	154.2050		
6	Structure Tac 6	153.8300	153.8300		
7	State Fire	154.3100	154.3100		
8	Command - Red River Fire Rptr.	154.6650	159.2100	186.2	
9	Command - Moreno Valley FD	154.2500	158.9950	100.0	
10	Command - Angel Fire pager	154.9800	153.9650	136.5	
11	Command - Taos Fire Rptr	154.3700	150.8050	82.5	
12	Rio Fernando Repeater	???	???	???	???
13	Hondo Seco Repeater	???	???	???	???
14	National V-Fire 23 Mutual Aid	154.2950	154.2950	156.7	
15	V-Med 28 (Primary Air MedEvac)	155.3400	155.3400	156.7	
16	V-Med 29 (Secondary Air MedEvac)	155.3475	155.3475	156.7	

NM State Forestry - Cimarron District

CH	Description	Rx	Tx	Tone
1	Command - State Forestry Net	159.4200	159.4200	156.7
2	NMSF TAC 1	159.2250	159.2250	
3	NMSF LAW	159.1800	159.1800	
4	NMSF Admin	159.3300	159.3300	156.7
5	NM State Fire	154.3100	154.3100	
6	Colfax County Fire	154.4000	153.8900	136.5
7	Colfax County Sheriff	154.8150	155.4450	162.2
8	Raton Fire	154.0250	158.9550	127.3
9	Vermijo Park Ranch Main	154.4900	159.6600	192.8
10	Union County Fire	158.8650	155.8500	110.9
11	Carson Forest Net	172.2750	172.2750	
12	Carson Boundary Repeater	172.2750	166.2000	146.2
13	Region 3 TAC 1	167.5500	167.5500	
14	Air-to-Ground 56	168.6625	168.6625	
15	NOAA Weather	162.5000	162.5000	
16	Air Guard	168.6250	168.6250	110.9

Carson National Forest - Group 3

CH	Description	Rx	Tx	Tone
1	Carson Direct	172.2750	172.2750	
2	Carson San Antonio Rptr	172.2750	166.2000	151.4
3	Carson Picuris Rptr	172.2750	166.2000	110.9
4	Carson Mogote Rptr	172.2750	166.2000	131.8
5	Carson Kiowa Rptr	172.2750	166.2000	127.3
6	Carson Dead Man Rptr	172.2750	166.2000	136.5
7	Region 3 TAC 1 (<i>Taos</i>)	167.5500	167.5500	
8	Region 3 TAC 2 (<i>S/F</i>)	168.6750	168.6750	
9	Region 3 TAC 3 (<i>Abq</i>)	168.7750	168.7750	
10	Carson Fire	169.1750	169.1750	
11	V-Med 28 (<i>Primary MedEvac</i>)	155.3400	155.3400	156.7
12	Air-to-Ground 56	168.6625	168.6625	
13	Air-to-Ground 60	169.1250	169.1250	
14	NM State Fire	154.3100	154.3100	
15	BLM Scene of Action	168.2250	168.2250	192.8
16	Air Guard	168.6250	168.6250	110.9

Carson National Forest - Group 3

Carson National Forest - Group 3					
CH	Description	Rx	Tx	Tone	
1	Carson Direct	172.2750	172.2750		
2	Carson San Antonio Rptr	172.2750	166.2000	151.4	
3	Carson Picuris Rptr	172.2750	166.2000	110.9	
4	Carson Mogote Rptr	172.2750	166.2000	131.8	
5	Carson Kiowa Rptr	172.2750	166.2000	127.3	
6	Carson Dead Man Rptr	172.2750	166.2000	136.5	
7	Region 3 TAC 1 (<i>Taos</i>)	167.5500	167.5500		
8	Region 3 TAC 2 (<i>S/F</i>)	168.6750	168.6750		
9	Region 3 TAC 3 (<i>Abq</i>)	168.7750	168.7750		
10	Carson Fire	169.1750	169.1750		
11	V-Med 28 (<i>Primary MedEvac</i>)	155.3400	155.3400	156.7	
12	Air-to-Ground 56	168.6625	168.6625		
13	Air-to-Ground 60	169.1250	169.1250		
14	NM State Fire	154.3100	154.3100		
15	BLM Scene of Action	168.2250	168.2250	192.8	
16	Air Guard	168.6250	168.6250	110.9	

MAP SKETCH

DOZER Fireline Construction (single pass)

Fire Behavior Fuel Model	Up or Down Slope	Slope Class			
		1 0-25%	2 26-40%	3 41-55%	4 56-74%
TYPE III Dozer 1, 2	Up Down	55-90 90-110	30-55 90-110	8-30 20-90	0-8 0-20
3, 5, 8	Up Down	45-70 70-80	25-45 65-80	2-25 0-65	0-2 0
4	Up Down	20-35 35-40	10-20 25-40	0-10 0-25	0 0
6, 7, 9	Up Down	35-55 55-60	15-35 40-60	0-15 0-40	0 0
11, 12	Up Down	15-25 25-30	7-15 10-30	0-7 0-10	0 0
10, 13	Up Down	8-15 10-15	3-8 5-10	0-3 0-5	0 0
TYPE II Dozer 1, 2	Up Down	85-125 125-145	60-85 130-145	30-60 75-130	0-30 0-75
3, 5, 8	Up Down	70-105 105-120	45-70 105-120	15-45 55-105	0-15 0-55
4	Up Down	35-60 60-75	20-35 65-76	2-20 20-65	0-2 0-20
6, 7, 9	Up Down	50-85 85-100	30-50 85-100	7-30 40-85	0-7 0-40
11, 12	Up Down	25-40 40-55	15-25 45-55	1-15 0-45	0-1 0
10, 13	Up Down	10-20 20-25	7-10 20-25	0-7 0-20	0 0
TYPE I Dozer 1, 2	Up Down	100-140 140-155	70-100 140-155	35-70 85-140	0-35 0-85
3, 5, 8	Up Down	75-110 110-130	50-75 110-130	20-50 55-110	0-20 0-55
4	Up Down	45-70 70-80	30-45 75-85	8-30 25-75	0-8 0-25
6, 7, 9	Up Down	65-95 95-110	40-65 90-110	15-40 50-90	0-15 0-50
11, 12	Up Down	35-55 55-65	20-35 55-65	3-20 6-55	0-3 0-6
10, 13	Up Down	20-35 35-40	9-20 30-40	0-9 0-30	0 0

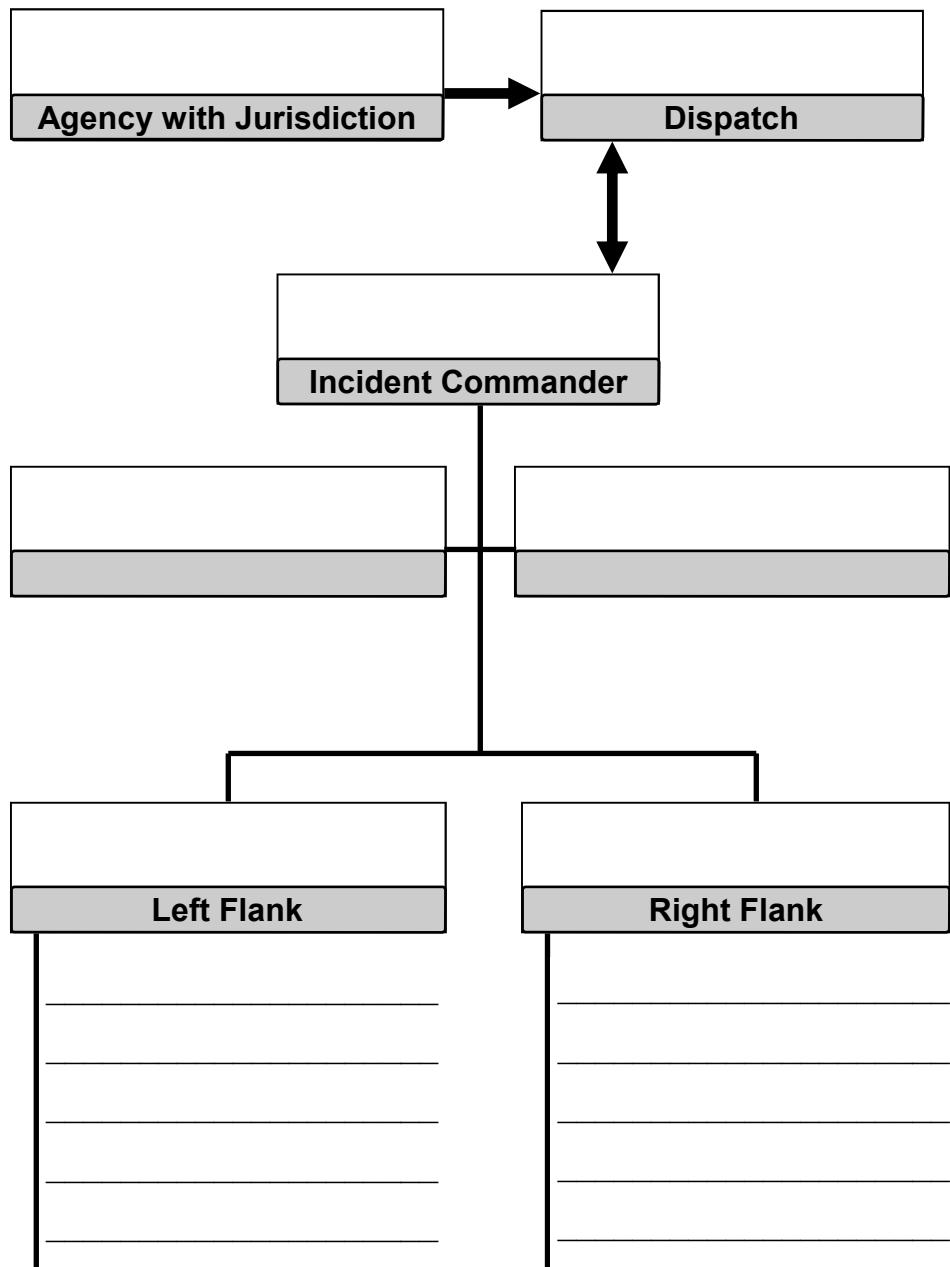
Line Production Rates

Fuel Model	Condition	Per Person Per Hour*	20 Person Hand Crew**					Engine Crews (chains per crew hour)*						
			Type 1	Type 2	1	2	3	4	5	Number of Persons in Crew	1	2	3	4
1 – Short Grass	Grass	4.0	30	18	6	12	24	35	40					
	Tundra	1.0	9	5	2	8	15	24	30					
2 – Open Timber/Grass Understory	All	3.0	24	15	3	7	15	21	25					
	All	0.7	5	3	2	5	10	14	16					
3 – Tall Grass	Chaparral	0.4	5	3	2	3	8	15	20					
	High Pocosin	0.7	4	2	2	4	10	15	18					
4 - Chaparral	All	0.7	6	4	3	6	12	16	20					
	Black Spruce	0.7	7	5	3	6	10	16	20					
5 - Brush	Others	1.0	6	4	3	6	12	16	20					
	All	0.7	4	2	2	5	12	16	20					
6 – Dormant Brush/Hardwood	Conifers	2.0	7	5	3	8	15	20	24					
	Hardwood	10.0	40	24	10	30	40	50	60					
7 – Southern Rough	Conifers	2.0	28	16	3	7	12	18	22					
	Hardwood	8.0	40	24	8	25	40	50	60					
8 – Closed Timber Litter	All	1.0	6	4	3	8	12	16	20					
	Hardwood	10.0	40	24	10	30	40	50	60					
9 – Hardwood Litter	Conifers	2.0	28	16	3	7	12	18	22					
	Hardwood	8.0	40	24	8	25	40	50	60					
10 – Timber (Litter & Understory)	All	1.0	6	4	3	8	12	16	20					
	All	1.0	15	9	3	8	12	16	20					
11 – Logging Slash, Light	All	1.0	7	4	3	5	10	16	20					
	All	0.4	5	3	2	4	8	15	20					
12 – Logging Slash, Medium	All	1.0	7	4	3	5	10	16	20					
	All	0.4	5	3	2	4	8	15	20					
13 – Logging Slash, Heavy	All	0.4	5	3	2	4	8	15	20					

* Indicates initial action rate. Do not use for sustained line construction rate.

** Indicates sustained production rate, including burnout and holding.

Organizational Chart



If organization exceeds this chart consider Type III complexity

Fire Complexity Analysis

Fire Behavior	YES / NO
Fuels extremely dry and susceptible to long-range spotting or you are currently experiencing extreme fire behavior	
Weather forecast indicating no significant relief or worsening conditions	
Current or predicted fire behavior dictates indirect control strategy with large amounts of fuel within planned perimeter	
Red Flag Warnings present or predicted	
Firefighter Safety	
Accidents have occurred	
Performance of firefighting resources affected by cumulative fatigue	
Overhead overextended mentally and/or physically	
Communications ineffective with tactical resources or dispatch	
Organization	
Operations are at the limit of span of control	
Incident action plans, briefings, etc. missing or poorly prepared	
Complex logistical support required	
Unable to properly staff air operations and/or multiple aircraft are involved or anticipated	
Limited local resources available for initial attack	
Heavy commitment of local resources to logistical support	
Existing forces worked 24 hours without success	
Resources unfamiliar with local conditions and tactics	
Values to be protected	
Urban interface, structures, developments, recreational facilities, or potential for evacuation	
Fire burning or threatening more than one jurisdiction and potential for unified command with different or conflicting management objectives	
Unique natural resources, special-designation areas, critical municipal watershed, T & E species habitat, cultural value site	
Sensitive political concerns, media involvement, or controversial fire policy	

Incident Complexity Criteria

TYPE 5 INCIDENT

- No “Yes” boxes checked
- No more than a single resource or 5 personnel needed
- Contained and mopped up in 1 operational period

TYPE 4 INCIDENT

- Up to 2 “Yes” boxes checked
- Up to a Strike Team or Task Force of resources
- Contained in 1 operational period
- Mop-Up may require additional operational periods

TYPE 3 INCIDENT

- 3 or more “Yes” boxes checked
- Any condition that exceeds Type 4 capabilities

Next Day Needs

Planning for Date: _____ / _____ / _____

Specific work objectives. What do you want to accomplish during the next shift?

What resources do you need to accomplish this work?

Resource Type	# Need-ed	Comments, Special Instructions or Name Requests	Time Needed	Reporting Location
Type I Crew				
Type II Crew				
Fallers/Saw Team				
Engines (include type)				
Water Tenders				
Dozers				
Air Support				
Line Overhead				

What supplies do you need?

Quantity	Supply Item Description	Delivery Location	Delivery Time

Logistical Order

MEALS

Today

Lunch _____ Dinner _____

Tomorrow

Breakfast _____ Lunch _____ Dinner _____

Water _____ Gatorade _____ Ice _____

Trash Bags _____ AA Batteries _____

VEHICLE FUEL

Unleaded _____ gals Diesel _____ gals

CHAINSAWS Unleaded fuel _____ gals

2 Cycle Oil _____ Bar Oil _____

Replacement Chains _____

PORTABLE PUMPS

Unleaded Fuel _____ gal 2 Cycle Oil _____

Porta Potties _____

Request Camp Manager Yes No

Other Needs:

Planning Check List

- Objectives Developed
- Resources Adequate or Ordered
- Radio Traffic Managed
- Medical / First Aid Plan
- Logistics Adequate
- Span of Control Managed
- Fire Mapped
- Complexity Analysis Completed
- Fire Investigator Needed

Medical / First Aid Plan

(IRPG pg 2)

EMT's / 1st Responders

Location

Procedure for First Aid

Procedure for Medical Emergencies

Communications:

Net	Frequency	Name
Command		Link to Dispatch
IA Tactical	167.5500	R3 TAC 1
Air to Ground	168.6625	Air-to-Ground 56
Air to Ground	168.8250	Air-to-Ground 27

Other Frequency refer to Communication Plan pg 21

Weather Observation Record

Time	Dry / Wet	Rh / DP	FDFM	PI	Winds / Dir	Cloud Cover
:	/	/	%	/	/	
:	/	/	%	/	/	
:	/	/	%	/	/	
:	/	/	%	/	/	
:	/	/	%	/	/	
:	/	/	%	/	/	
:	/	/	%	/	/	

FIRE DANGER		FIRE BEHAVIOR	SUPERVISORY CONTROLS	OPERATIONAL CONSIDERATIONS
GREEN	LOW FIRE DANGER	Low Fire Activity little to no spread ROS of 0-5 ch/hr Flame lengths 1-2 feet	Less than 5:1 span of control	Type IV-V incident Direct attack possible Control usually in one operational period
YELLOW	APPROACHING 90th PERCENTILE on ERC	Moderate Fire Activity Moderate spread ROS of 5-10 ch/hr Flame lengths 2-4 feet	Span of control could exceed 5:1 Consider additional overhead and resources	Type IV-III incident Direct attack possible consider indirect attack Consider air support Control usually in one or two operational periods
RED	EXCEEDS 90th PERCENTILE on ERC May be Approaching Historic Maximums	Extreme Fire Activity Extreme rates of spread ROS of 10+ ch/hr Torching, spotting, and possible running crown fire Flame lengths > 4 feet	Span of control could exceed 5:1 additional overhead and resources will be required	Type III or higher incident Direct attack NOT possible Indirect attack and air support most likely needed Consider logistical and command support Extended attack and multiple operational periods

LCES Checklist

**LCES must be established and known to
ALL firefighters BEFORE needed.**

Lookout(s)

Experienced / Competent / Trusted	Yes	NO
Enough lookouts at good vantage points	Yes	NO
Knowledge of crew locations	Yes	NO
Knowledge of escape and safety locations	Yes	NO
Knowledge of disengagement trigger points	Yes	NO
Map / Weather Kit / Watch / IAP / Radio	Yes	NO

Communication(s)

Radio frequencies confirmed	Yes	NO
Backup procedures and check-in times established	Yes	NO
Provide updates on any situation change	Yes	NO
Sound alarm early, not late	Yes	NO

Escape Route(s)

More than one escape route	Yes	NO
Avoid steep uphill escape routes	Yes	NO
Scouted: Loose soils / Rocks / Vegetation	Yes	NO
Timed: Slowest person / Fatigue and Temperature factors	Yes	NO
Marked: Flagged for day or night (Pg 19)	Yes	NO
Evaluate: Escape time vs. Rate of spread	Yes	NO
Vehicles parked for escape	Yes	NO

Safety Zone(s)

Safety Zones Identified	Yes	NO
• Back into clean burn		
• Natural Features: Rock Areas / Water / Meadows		
• Constructed Sites: Clearcuts / Roads / Helispots		
Scouted for size and hazards	Yes	NO
Upslope?	No	Yes
Downwind? More heat impact Larger safety zone	No	Yes
Heavy Fuels?	No	Yes
Survivable without a fire shelter →	Yes	NO

Escape time and safety zone size will change as fire behavior changes.

BY CIRCLING **GREEN** YOU HAVE CONFIRMED THAT LCES **IS** IN PLACE
BY CIRCLING **RED** YOU ARE CONFIRMING THAT LCES IS **NOT** IN PLACE
AND CAN NOT ENGAGE UNTIL CORRECTED!

Spot Weather Forecast Request

Fire Name _____ Requesting Agency _____

Location: _____ Top _____ Bottom _____

Legal (T/R) _____ Elevation _____

LAT _____ Drainage _____

LON _____ Aspect _____

7.5' QUAD _____ Size _____ (Acres)

Fuel Type _____ Sheltering Full Partial Unsheltered

Observation

Time	Place	Elevation	Wind Speed/Direction	Dry Bulb
			/	
WET Bulb	Rh	DP	Sky / Weather Cloud Cover/Storms etc	

FORECAST

TODAY:

Temp ____° Rh ____% Winds _____ from the _____ Chance of Rain ____%

TONIGHT:

Temp ____° Rh ____% Winds _____ from the _____ Chance of Rain ____%

TOMORROW:

Temp ____° Rh ____% Winds _____ from the _____ Chance of Rain ____%



If majority of responses are:

EXTREME
(Caution)
Moderate

Do Not Expect Control with Direct Attack - Be prepared to Disengage
Difficulty in Controlling the Fire - Use Caution
Good Probability of Success

Hazard Analysis

ERC	< 30	30 - 71	> 71
Wind (eye level)	1 - 3	3 - 12	> 12
Fine Dead Fuel Moisture	>6%	4 - 6%	< 3%
Probability of Ignition	< 70%	70 - 80%	90 - 100%
Wind Impact Indicators	Developing Cumulus Thunderheads Present Cold Fronts or High Wind Aloft		
Flame Length	Under 2'	2' to 8'	Over 8'
Haines Index	1 - 3	4 - 5	6
Spotting	None	Some	Frequent
Time of Day	2000 - 1000	1000 - 1400 & 1800 - 2000	1400 - 1800
Evacuation Potential	No	Limited or Possible	In Process
Structure Loss	None	Possible	Already Involved
Adequate resources for plan	Yes	Not Sure	No
Probability of success	High	Moderate	Poor
Slope	Flat	< 15 to 30	Over 30
Aspect	North	East / West	South

Hazard Control Checklist

ANY **RED** responses take corrective action **Immediately!**
(list corrective actions below)

Yes	No	Anchor Point
No	Yes	Downhill Line Construction / Indirect Line
No	Yes	Mid Slope Line Construction
No	Yes	Snags
No	Yes	Hazardous Materials
No	Yes	Communications Problems
Yes	No	Weather Forecast Obtained
Yes	No	LCES Checklist Completed (pg 16)
Yes	No	Plan developed—control in one operational period
Yes	No	All Personnel Briefed
Yes	No	Adequate Resources
Yes	No	Span of Control Adequate
No	Yes	Night Operations
No	Yes	Difficult Terrain
Yes	No	Fire less than 30 acres
Yes	No	Comfortable Managing Fire

DECISION POINT GO NO GO